

42. Image

- 1 -

Docket No.: 0756-2415

28-17  
B

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Hisashi OHTANI, et al.

Serial No. 10/026,802

Filed: 12/27/01

For: METHOD FOR MANUFACTURING A

SEMICONDUCTOR DEVICE



) Group Art Unit: 2811

) Examiner: Junghwa M. Im

**REQUEST FOR ACKNOWLEDGMENT OF  
INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
P. O. Box 1450  
Alexandria VA 22313-1450

Sir:

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with  
The United States Postal Service with sufficient postage as First  
Class Mail in an envelope addressed to: Commissioner for Patents,  
P. O. Box 1450, Alexandria VA 22313-1450, on January 29, 2004


*Penny D. Oliver*

Applicants acknowledge with appreciation the Notice of Allowability and Issue Fee Due form mailed January 23, 2004 acknowledging the filing of Information Disclosure Statements on May 6, 2003 and partially acknowledging the IDS filed December 27, 2001.

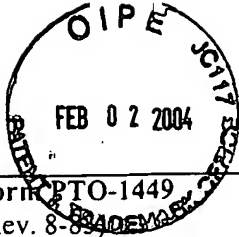
The Notice of Allowability did not, however, include an initialed Form PTO-1449 acknowledging the Information Disclosure Statements filed April 15, 2002 and February 6, 2003. On page 1 of 4 of the Information Disclosure Statement filed December 27, 2001, the Examiner inadvertently missed the first reference in the "Other Documents" section. Therefore, it is respectfully requested that the Examiner evidence consideration of the references cited in the IDS of December 27, 2001; April 15, 2002 and February 6, 2003 by providing a copy of the initialed Form PTO-1449.

If a conference would be beneficial in expediting the prosecution of the instant application, the Examiner is invited to telephone the undersigned to arrange such a conference.

Respectfully submitted,

  
Eric J. Robinson  
Registration No. 38,285

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Form PTO-1449  
(Rev. 8-89)U.S. Department of Commerce  
Patent and Trademark Office

Docket No: 740750-2415

Serial No. Not Yet  
Assigned

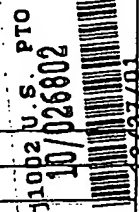
## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant: Hisashi OHTANI et al.

Filing Date: December 27, 2001

Group: 2811



## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclasses	Filing Date (if appropriate)
mv	5,949,091	09/07/1999	Yamaguchi			
	5,488,000	01/30/1996	Zhang et al.			
	5,605,846	02/25/1997	Ohtani et al.			
	4,933,298	06/12/1990	Hasegawa			
	4,766,477	08/23/1988	Nakagawa et al.			
	4,379,090	04/05/1996	Glaeser et al.			
	4,623,912	11/18/1986	Chang et al.			
	5,130,264	07/14/1992	Troxell et al.			
	5,608,232	03/04/1997	Yamazaki et al.			
	5,639,698	06/17/1997	Yamazaki et al.			
	5,882,960	03/16/1999	Zhang et al.			
	5,895,933	04/20/1999	Zhang et al.			
	5,897,347	04/27/1999	Yamazaki et al.			
	5,956,579	09/21/1999	Yamazaki et al.			

## FOREIGN PATENT DOCUMENTS

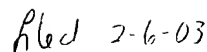
	Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No
mv	3-280420	12/11/1991	Japan			X	
	0 390 608	10/03/1990	Japan			Abstract	
	02-020059	01/23/1990	Japan			Abstract	
	05-067635	03/19/1993	Japan			Abstract	
	64-074754	03/20/1989	Japan			Abstract	
	401135014	05/26/1989	Japan			Abstract	
	WO 92/01089	01/23/1992	PCT			English	
	EP 0 612 102 A3	08/24/1994	Europe				
	EP 0 631 325 A3	12/28/1994	Europe				
	WO 86/03621	06/19/1986	WIPO				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Batstone et al., "Microscopic Processes in Crystallization", Solid State Phenomena, Vols. 37-38, pp. 257-268
mv	Graef et al., "Enhanced Crystallinity of Silicon Films Deposited by CVD on Liquid Layers (CVDOLL Process): Silicon on Tin Layers in the Presence of Hydrogen Chloride", Journal of Applied Physics, Vol. 48, No. 9, September 1977, pp. 3937-3940

Examiner	for 7. may	Date Considered
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\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet

1

of

**F**

***Complete if Known***

Application Number

10/026,802

**Filing Date**

December 27, 2001

**First Named Inventor**

Hisashi Ohtani et al.

### Group Art Unit

2811

Examiner Name

W. Mintel

Attorney Docket Number

0756-2415

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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(Rev. 8-83)

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U.S. Department of Commerce  
Patent and Trademark Office

Atty Docket 0756-2415

Serial No. 10/026,802

INFORMATION DISCLOSURE STATEMENT

Applicants: Hisashi OHTANI et al.

Filing Date: December 27, 2001

Group Art Unit: 2812

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
	4,379,020	04/05/1983	Glaeser et al.			
	5,614,426	03/25/1997	Funada et al.			
	5,696,388	12/09/1997	Funada et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	01-276616	11/07/1989	JP			Eng Abst	
	02-222546	09/05/1990	JP			Full Eng	
	02-260524	10/23/1990	JP			Eng Abst	
	07-058338	03/03/1995	JP			Eng Abst	
	63-142807	06/15/1988	JP			Full Eng	

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04/12/2002